

REMARKS/ARGUMENTS

Reconsideration is respectfully requested.

Claims 1-28 are pending before this amendment. By the present amendment, claims 1-14, 16-19, 22-25, and 27-28 are amended. No new matter has been added.

In the office action (page 2), the abstract of the disclosure stands objected to as being vague.

The applicants have subsequently amended the abstract in accordance to the examiner's suggestions and therefore believe the basis for this objection to the abstract has been removed. Accordingly, the examiner is respectfully requested to withdraw this objection to the abstract.

In the office action (page 2), the disclosure stands objected to as containing informalities.

The applicants have subsequently amended page 8, lines 32-33 in accordance to the examiner's suggestions and therefore believe the basis for this part of this objection has been removed. The applicants can find nothing at page 24, line 7 that indicates "8VSB" and therefore believe that the basis for this part of this objection never existed. Accordingly, the examiner is respectfully requested to withdraw this objection.

In the office action (page 2), figs. 1-3 and 9-13 of the drawings are objected to as needing to be designated by a legend such as "Prior Art".

The applicants have subsequently amended FIGs. 1-3 and 9-13 of the drawings to include "Prior Art" in their respective legends and therefore believe that the basis for this objection to the drawings has been removed. Accordingly, the examiner is respectfully requested to withdraw this objection.

In the office action (page 3), claims 1-28 stand rejected under 35 U.S.C. §112, ¶2 as being indefinite.

The applicants have subsequently amended these claims in accordance to the examiner's suggestions and therefore believe that the basis for this rejection to the drawings has been removed. Accordingly, the examiner is respectfully requested to withdraw this rejection.

In the office action (page 3), claims 27 and 28 stand rejected under 35 U.S.C. §101 as being directed to non-statutory subject matter.

The applicants have subsequently amended the preambles of these claims to be dependent claims to the DTV transmitting method as recited in claim 16. Accordingly, the applicants submit that the DTV transmitting method is now claimed and the DTV transmission signals of claims 27-28 are simply described. Therefore, the applicants believe that the basis for this rejection has been removed. Accordingly, the examiner is respectfully requested to withdraw this rejection.

In the office action (page 4), claims 1-3, 9, 14-16, 21-22 and 26 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 7,570,720 (Gaddam). The "et al." suffix is omitted from the Gaddam reference name. Also in the office action (page 5), claims 4-8, 10-13, 17-20 and 23-25 are indicated as being allowable.

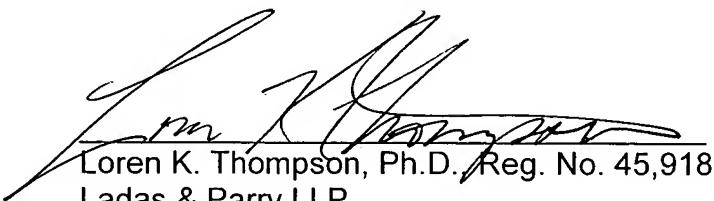
The applicants have subsequently amended independent claim 1 to more clearly require *--the encoding unit includes a robust encoder configured to encode robust data by sequentially mixing a P-2VSB method with anyone method of an E-4VSB method and an E-8VSB method--*. Similar amendments have also been added into the other independent claims, i.e., claims 9, 14, and 22. Support can be found throughout the specification and in particular, for example, in table 12 at page 31.

Accordingly, the applicants submit that all of these claims are in condition for allowance because, *inter alia*, Gaddam does not even hint at an encoding unit that includes a robust encoder configured to encode robust data by sequentially mixing a P-2VSB method with anyone method of an E-4VSB method and an E-8VSB method. Therefore, the examiner is respectfully requested to withdraw this rejection.

For the reasons set forth above, the applicants respectfully submit that claims 1-28, now pending in this application, are in condition for allowance over the cited references. Accordingly, the applicants respectfully request reconsideration and withdrawal of the outstanding rejections and earnestly solicit an indication of allowable subject matter.

This amendment is considered to be responsive to all points raised in the office action. Should the examiner have any remaining questions or concerns, the examiner is encouraged to contact the undersigned attorney by telephone to expeditiously resolve such concerns.

Respectfully submitted,



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APPENDIX OF ATTACHMENTS

**Replacement Sheets of FIGS. 1-3 and 9-13
(a total of 8 drawing sheets)**

and

**Annotated Sheets Showing Changes of FIGS. 1-3 and 9-13
(a total of 8 drawing sheets)**